



To,

Date:

Sub: Offer for Automation Training DVD (8.5GB Data)

Dear Engineers,

The production / manufacturing / Automation technologies are changing more rapidly than we can think of them . Every week there is a new development, improvement , new integration of the old technology with the new one. Now due to greater competition ,there is an increased demand for production which requires better and efficient machines using the latest technology.

We at ACS Pune, have seen some and have had the opportunity to work on some of these technologies. We would like you to join us to understand the Best & Latest technical knowledge . We all would like you to use these for your company. We believe “ Knowledge is price less” and if you use it for your company you can earn / save Millions for company.

We are please to introduced “**PLC Automation Trainer DVD**” which will help you to stay ahead.

It is must for all Electronics, Computer, Electrical, Instrumentation, Control, Mechanical and Chemical Engineers and Technicians.

Description	Unit Price
1) Automation Training DVD (Single user) Part No : PLCTRG-DVD1	Rs 12500.00 (USD 300)
2) Automation Training DVD (Five user) Part No : PLCTRG-DVD5	Rs 40,000.00 (USD 1000)

Note : We are only one in the world to have such an unique and Exclusive product for you.

Payment : 100 % advance with PO , Delivery : 1-2 weeks , depending on stock

This small investment could **SAVE** hundreds of thousands of rupees in lost revenues, repair costs and power downtime liabilities.

For More info : acsndia@vsnl.com www.plctrng.com and www.acs-india.com

Thank you, for your time and have a pleasant day. Waiting for your valuable order

Regards,

For Automation and Control Systems

Mangal Bilakhiya

Please Forward to Appropriate Department.



PLC Automation Trainer DVD contains:

1. **AC / DC circuits**
2. **Basics of Electrical concepts** (Total: 30 Topics all Animations)
 - a) AC, DC Voltages
 - b) Use and wiring of different Push Button, Limit Switches, Proximity switches
 - c) Hydraulic and Pneumatic cylinder wiring and interfacing with PLC
 - d) Regulated and SMPS power Supplies
 - e) Standard Electrical symbols used in industry

This helps engineers or technicians may be from electrical, electronics, instrumentation, mechanical or chemical field to clear their basic electrical concepts.

3 **Electrical Power**

4 **AC Drives** (Introduction , Basics , Application)

5 **AC Motor** (Introduction , Basics , Application)

6 **Control Components** (Introduction , Basics , Application) Overload relay , Contactors , Starters

7 **DC Drives** (Introduction , Basics , Application)

8 **Programmable Logic Controller PLC's** (Introduction , Basics , Application)

- a) Introduction to PLC
- b) Input/ Output Modules
- c) Basic programming
- d) Timer Instruction
- e) Counter Instruction
- f) Program Control Instruction
- g) Math Functions

We are the only one's to cover these examples from various industries. This will give a better understanding of theoretical concepts. **We also cover IEC-61131 Programming Standard**

- a) FBD
- b) ST
- c) IL
- d) SFC
- e) LD

All these are explained with the help of animations of major brands of PLC's, Allen Bradley, Siemens, Mitsubishi and Messung. This will give a better understanding of theoretical concepts. We are the only one's to cover these examples from various industries.

9. **PLC Application Examples**

For the first time all these are covered using 50 Animated PLC Application Examples.



10. PLC Trouble Shooting

It is explained using 25 Animated Examples, taking maintenance into consideration.
We guaranty that after going through these examples the technicians / engineers will be in a position to reduce the downtime of the machine by almost 50%.

11. PLC Simulator

The simulator is 1st of its kind!!! As it allows you to write and test a ladder program for any of the major brands (Allen Bradley, Siemens, Mitsubishi, Messung).

While all the other PLC training Software provides only brand specific Simulator.

So Enjoy the leisure of programming in any of the above 4 PLC brands at the cost of only 1!!!

12. Motor Control Centre (Introduction , Basics , Application)

13. Sensors (Introduction , Basics , Application)

- a) Limit Switch
- b) Inductive
- c) Capacitive
- d) Ultrasonic
- e) Photo electric

14. Busway (Introduction , requirement , System Layout)

15. Load Centers (Introduction , Construction , Installation , Sizing , Protection)

16. Panel Board

17. Power monitoring (Introduction , AC Concepts Power meter , Protection)

18. Safety Switches (Introduction , Current Protection , Fuses)

19. Tutorials and Quiz:

It covers 300 Question and Answers with Different difficulty level to test one's knowledge.

With such a large bank of Q&A will surely clear majority of doubts regarding PLC

Automation.



20. Ten hours of Real time movies (Actual movies) showing latest and best in Automation worldwide from different fields like **Airport , Automobile , Bakery , Beverages , Casting , Chemical , Cutting , Dairy , Electronics , Food , Injection Moulding , Labelling , Material Handling , Packaging , Painting , Palletizing , Paper , Pharmaceutical , Plastic , Poultry , Printing , Recreation , Rfid , Testing , Textile , Washing , Welding , Grinding Oil And Gas , Mines , Cement , Power , Robots , Tyre , Refinery And Lots More**

21. Introduction to new technology like GSM , AC Servo Drives and interface with PLC , Barcode interface, Communication between two different PLCs , RFID

21. Manuals of all major PLC's

And Lots More

Please note that that DVD is copy protect. You cannot copy / Duplicate DVD .